

Description

High performance cast fluorescent film, with high visibility when illuminated by all daylight conditions. Especially effective in twilight and conditions of low visibility. Especially effective in twilight and conditions of low visibility. The ORACAL® 7510 Fluorescent Premium Cast series is available in the following colours: 029: fluorescent yellow, 037: fluorescent orange, 038: fluorescent red orange, 039: fluorescent red, 046: fluorescent pink, 069: fluorescent green, 356: fluorescent orange red, and 357: fluorescent orange red. Colour 356 conforms to Regulation UNECE R70 for fluorescent materials in the colour fluorescent red. The *RapidAir*® technology enables easy and quick bubble-free application, especially of large-sized graphics or decals. Entrapped air can be easily removed by simply smoothing it out under the film.

Release Paper

Double sided PE coated *RapidAir*® paper, one side siliconised, 145 g/m²

Adhesive

Solvent polyacrylate, permanent

Area of use

For outdoor applications. Designed for warning signs, vehicle and bus advertising, name plates and graphics of all types that requires special high-impact visibility. Well suited for use on die-cut plotter systems.

Printing Methods

Screen printing is recommended.

Technical Data

Thickness* (without paper and adhesive)	150 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,3 mm max.
Temperature resistance	Adhered to aluminium, -40° C to +105° C, no variation
Sea water resistance (DIN 50021)	Adhered to aluminium, after 100h/23° C no variation
Adhesive power* (FINAT TM 1, after 24h, stainless steel)	16 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: min. 15 MPa Across: min. 15 MPa
Elongation at break (DIN EN ISO 527)	Along: min. 120% Across: min. 120%
Shelf life**	2 years
Application temperature	Min. +8° C
Service life by specialist application Under vertical outdoor exposure (normal climate of Central Europe)	All colours: 2 years (not printed) Fluorescent yellow: 3 years (not printed)

* average ** in original packaging, at 20° C and 50% relative humidity

Note

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Furthermore, the application information published by ORAFOL must be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

IMPORTANT NOTICE

All ORACAL® products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning ORACAL® products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of ORACAL® products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice. ORACAL® is a registered trademark of ORAFOL Europe GmbH.